

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091562.D
 Acq On : 13 Dec 2016 19:02
 Operator : UM/SJ
 Sample : H5961-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-MW26S-GW

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.733	139	144	147	rBV	824193	1488513	3.42%	0.319%
2	5.276	275	279	281	rBV	9944755	13915110	31.93%	2.982%
3	5.390	285	289	291	rVV	3566338	7477971	17.16%	1.603%
4	5.424	291	292	294	rVV	2426840	1953381	4.48%	0.419%
5	5.641	308	311	313	rVV	4251760	3768020	8.65%	0.808%
6	5.973	338	340	342	rBV	2808276	2540298	5.83%	0.544%
7	6.030	342	345	351	rVB2	623115	1655374	3.80%	0.355%
8	6.270	364	366	368	rVB	1177001	977096	2.24%	0.209%
9	6.339	368	372	373	rBV	1223977	1210459	2.78%	0.259%
10	6.373	373	375	376	rVB	686970	876058	2.01%	0.188%
11	6.419	376	379	380	rBV	1335412	1767620	4.06%	0.379%
12	6.464	380	383	385	rBV2	1775766	3656474	8.39%	0.784%
13	6.499	385	386	388	rVV	1787596	1351162	3.10%	0.290%
14	6.590	391	394	396	rBV2	5130244	6429005	14.75%	1.378%
15	6.682	396	402	403	rVV2	11028332	21382289	49.06%	4.583%
16	6.819	412	414	415	rBV	1757214	1824639	4.19%	0.391%
17	6.876	415	419	420	rVV	2809671	2735985	6.28%	0.586%
18	6.899	420	421	425	rVV2	606256	1005001	2.31%	0.215%
19	7.013	425	431	433	rVB2	16174557	28161099	64.61%	6.035%
20	7.082	434	437	439	rBV	8028260	7717376	17.71%	1.654%
21	7.242	447	451	454	rBV2	3112693	4645832	10.66%	0.996%
22	7.310	454	457	458	rVV2	1466124	1753703	4.02%	0.376%
23	7.379	458	463	466	rVV3	3782958	7237026	16.60%	1.551%
24	7.470	468	471	473	rBV	6054306	5561501	12.76%	1.192%
25	7.527	473	476	477	rBV2	7886806	10498239	24.09%	2.250%
26	7.596	480	482	483	rBV	707157	818569	1.88%	0.175%
27	7.619	483	484	487	rVB	1078320	913898	2.10%	0.196%
28	7.779	495	498	501	rVB	4942997	7674662	17.61%	1.645%
29	7.847	501	504	506	rBV2	4859721	7860123	18.03%	1.685%
30	7.905	506	509	512	rVV3	3151747	6070179	13.93%	1.301%
31	7.973	512	515	516	rVB2	1523202	1564679	3.59%	0.335%
32	8.156	525	531	532	rBV	16527853	43584560	100.00%	9.341%
33	8.190	532	534	536	rVV	11097743	11675891	26.79%	2.502%
34	8.282	539	542	545	rVB2	1285617	2664780	6.11%	0.571%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.339	545	547	549	rBV2	1053835	1902283	4.36%	0.408%
36	8.465	556	558	562	rVB3	2626936	3499894	8.03%	0.750%
37	8.545	562	565	566	rBV2	1286975	1787690	4.10%	0.383%
38	8.568	566	567	570	rVB	2885052	3181227	7.30%	0.682%
39	8.705	574	579	580	rBV3	1447899	2811968	6.45%	0.603%
40	8.773	582	585	586	rBV2	1211956	1757524	4.03%	0.377%
41	8.819	586	589	590	rVB2	4845377	5236589	12.01%	1.122%
42	8.865	590	593	595	rBV3	4144187	6796210	15.59%	1.457%
43	8.922	595	598	600	rVB	11317440	15938786	36.57%	3.416%
44	8.968	600	602	603	rBV2	1019364	1044639	2.40%	0.224%
45	9.082	611	612	614	rBV2	786158	1001519	2.30%	0.215%
46	9.173	618	620	622	rBV	4693618	6468427	14.84%	1.386%
47	9.276	627	629	632	rVB2	5656447	6476435	14.86%	1.388%
48	9.390	636	639	641	rBV3	3736175	6243072	14.32%	1.338%
49	9.448	641	644	646	rVV3	3271987	7204524	16.53%	1.544%
50	9.482	646	647	649	rVV2	5831332	6763040	15.52%	1.449%
51	9.516	649	650	651	rVV	4700088	4304612	9.88%	0.923%
52	9.630	658	660	663	rVB2	2516427	2728264	6.26%	0.585%
53	9.710	665	667	669	rVB2	3033023	3142424	7.21%	0.673%
54	9.790	672	674	676	rVB2	1095949	1279841	2.94%	0.274%
55	9.859	676	680	681	rBV4	2420646	5570852	12.78%	1.194%
56	9.893	681	683	684	rVV	10331736	10932500	25.08%	2.343%
57	9.928	684	686	687	rVB	3857351	3831961	8.79%	0.821%
58	9.962	687	689	691	rVB2	1255619	1503693	3.45%	0.322%
59	10.008	691	693	696	rBV3	1315066	3118117	7.15%	0.668%
60	10.065	696	698	699	rVV	7783326	7540706	17.30%	1.616%
61	10.099	699	701	702	rVB	868396	1043217	2.39%	0.224%
62	10.168	702	707	709	rBV6	795607	1915583	4.40%	0.411%
63	10.213	709	711	714	rVB4	1043086	1714530	3.93%	0.367%
64	10.282	714	717	721	rBV6	1653575	3146378	7.22%	0.674%
65	10.339	721	722	725	rVB2	942461	1186122	2.72%	0.254%
66	10.408	725	728	730	rVB	6851188	8019018	18.40%	1.719%
67	10.488	730	735	736	rBV2	4005936	6564234	15.06%	1.407%
68	10.533	736	739	742	rVB4	2153726	4617001	10.59%	0.990%
69	10.636	744	748	751	rBV2	3498277	7817922	17.94%	1.676%
70	10.808	760	763	764	rVB2	1104741	1816840	4.17%	0.389%
71	10.888	768	770	772	rBV2	1629909	1908911	4.38%	0.409%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	10.956	772	776	778	rBV2	6844971	11395889	26.15%	2.442%
73	10.991	778	779	780	rVB	2542465	1742860	4.00%	0.374%
74	11.048	783	784	788	rVB3	520120	1025404	2.35%	0.220%
75	11.128	788	791	795	rBV5	498847	1133928	2.60%	0.243%
76	11.196	795	797	798	rBV	725059	857284	1.97%	0.184%
77	11.219	798	799	802	rVB	1162341	1659631	3.81%	0.356%
78	11.299	802	806	807	rBV2	2223357	3663454	8.41%	0.785%
79	11.333	807	809	810	rVV	9980528	11020831	25.29%	2.362%
80	11.368	810	812	813	rVB	7875034	7672129	17.60%	1.644%
81	11.413	813	816	818	rVB	1351559	2221055	5.10%	0.476%
82	11.448	818	819	821	rBV2	620026	831753	1.91%	0.178%
83	11.573	826	830	833	rBV2	5066739	7640531	17.53%	1.637%
84	11.631	833	835	837	rVB3	1132917	1484958	3.41%	0.318%
85	11.676	837	839	842	rBV3	1397078	2415205	5.54%	0.518%
86	11.722	842	843	845	rVB	1746954	1662376	3.81%	0.356%
87	11.768	845	847	850	rVB3	789990	1366780	3.14%	0.293%
88	11.825	850	852	854	rBV2	628150	1137602	2.61%	0.244%
89	11.871	854	856	857	rBV	1040294	1045193	2.40%	0.224%
90	11.951	862	863	867	rVB3	756542	884222	2.03%	0.190%
91	12.042	867	871	872	rBV2	1365077	2081460	4.78%	0.446%
92	12.076	872	874	876	rBV2	4556039	4281815	9.82%	0.918%
93	12.316	893	895	897	rBV2	812058	932169	2.14%	0.200%
94	12.568	915	917	919	rVB	741450	945339	2.17%	0.203%
95	12.774	933	935	943	rVB2	793124	1564875	3.59%	0.335%
96	12.922	946	948	950	rVV	3382232	3625815	8.32%	0.777%
97	13.094	960	963	965	rVV2	917230	1329931	3.05%	0.285%
98	13.517	997	1000	1003	rVB	590189	987313	2.27%	0.212%
99	13.962	1037	1039	1045	rVB	1873597	1943209	4.46%	0.416%
100	15.380	1160	1163	1166	rBV	1454705	1813077	4.16%	0.389%

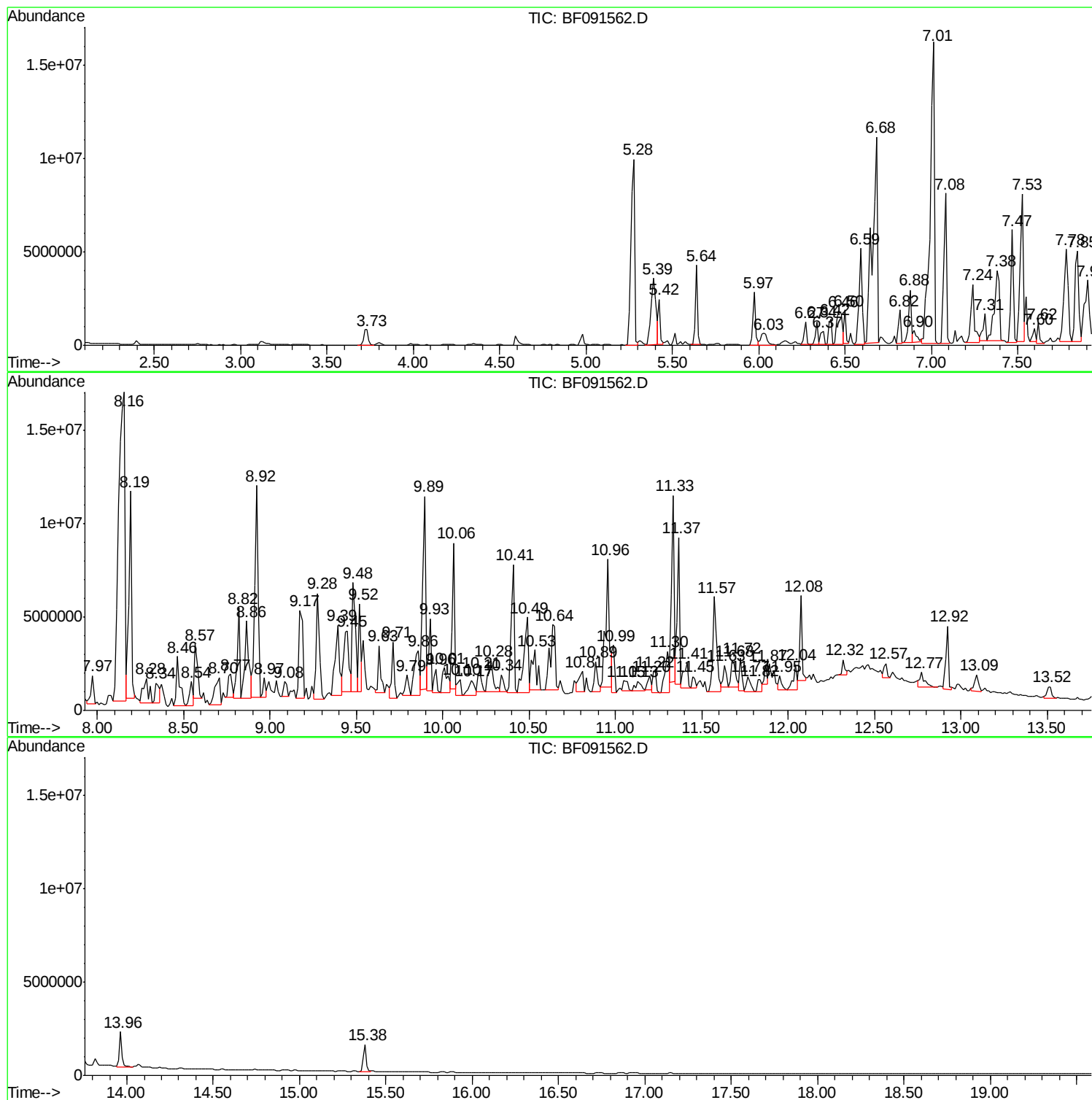
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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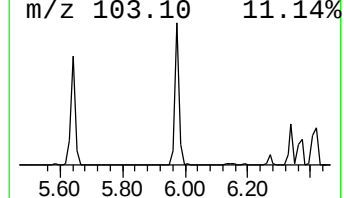
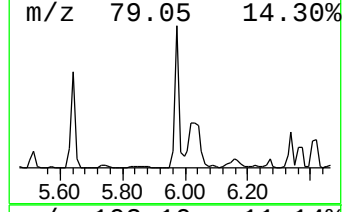
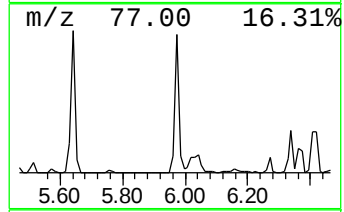
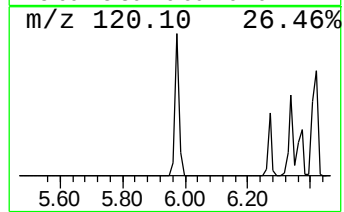
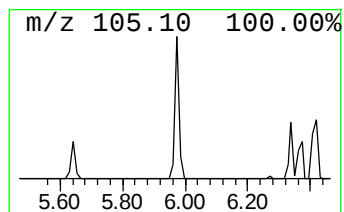
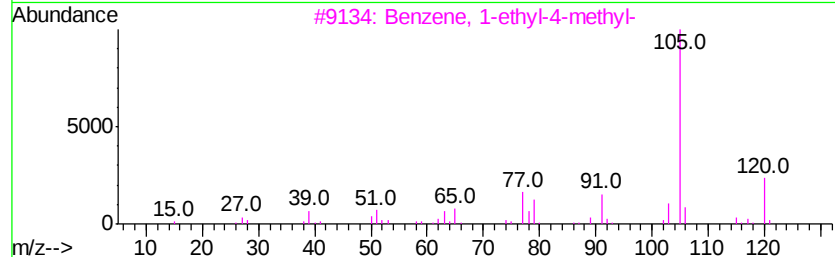
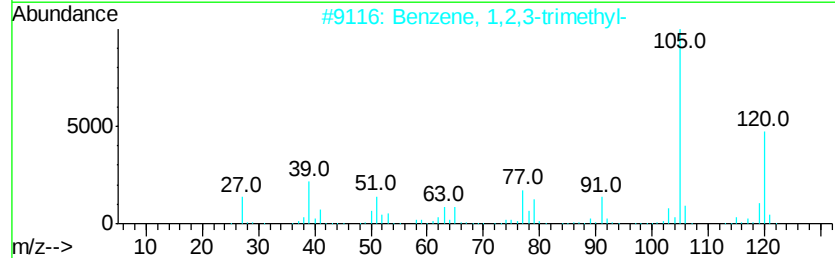
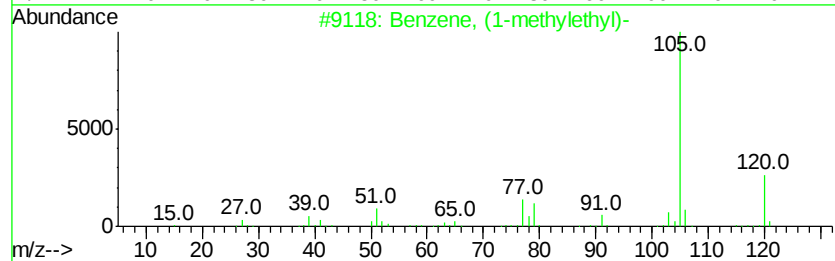
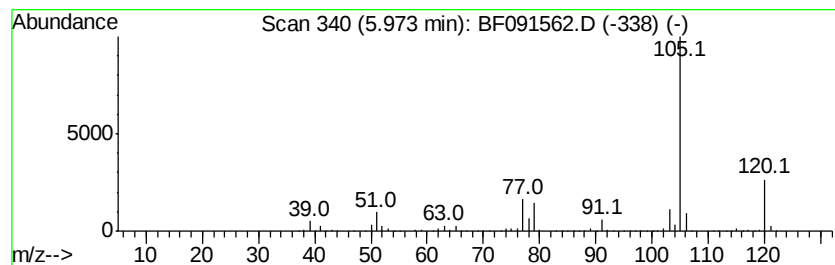
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	27.84 ng	2540300	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72



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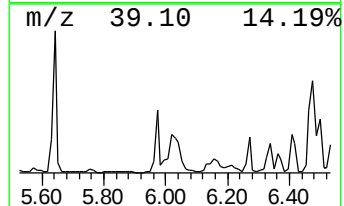
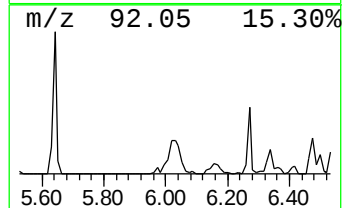
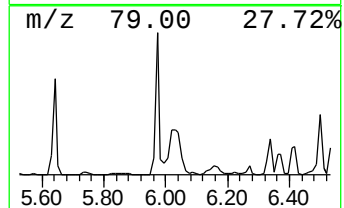
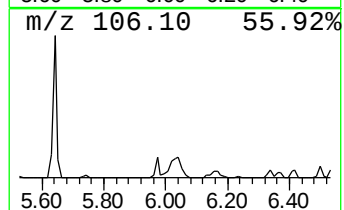
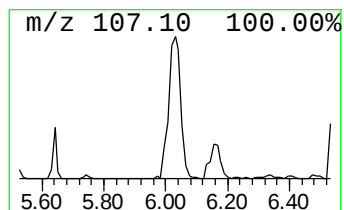
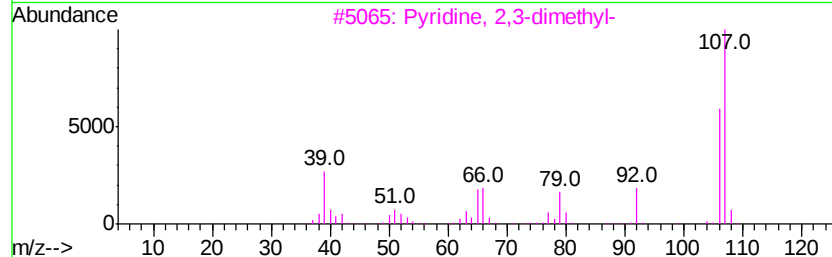
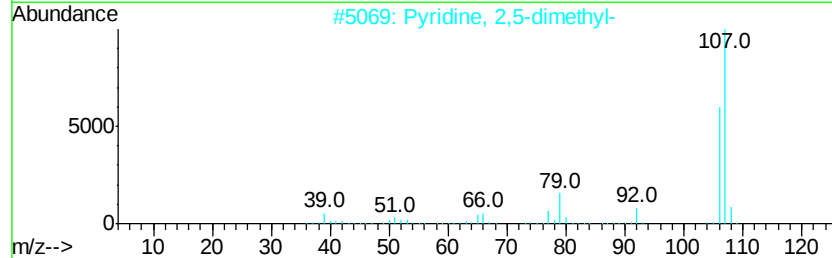
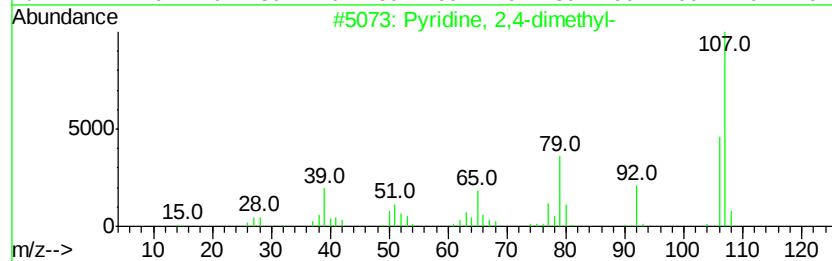
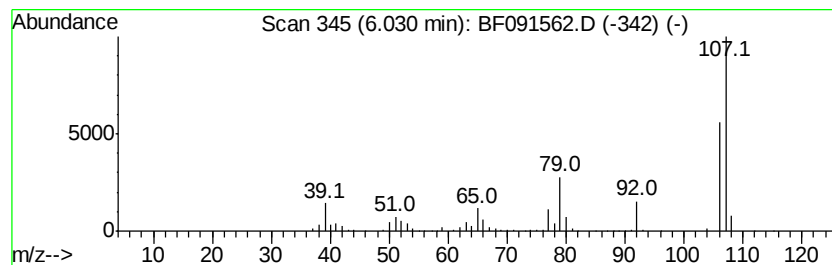
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pyridine, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	18.14 ng	1655370	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	96
2		Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	94
3		Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90
4		Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	90
5		Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	87



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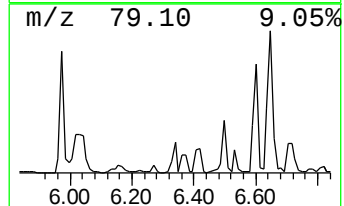
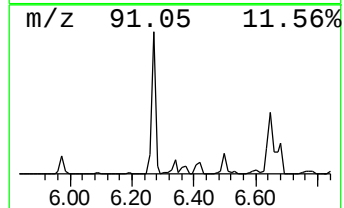
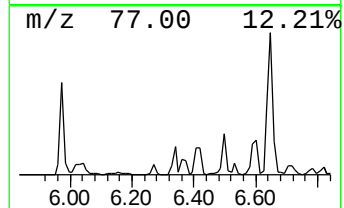
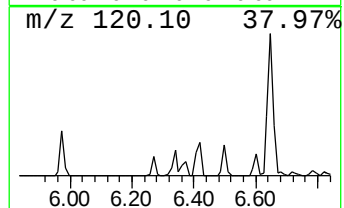
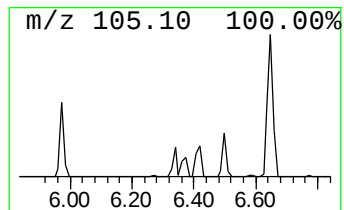
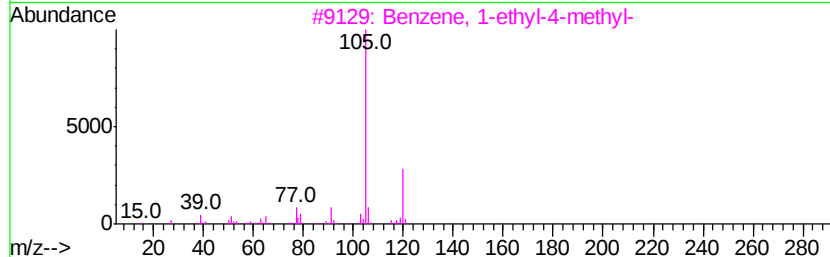
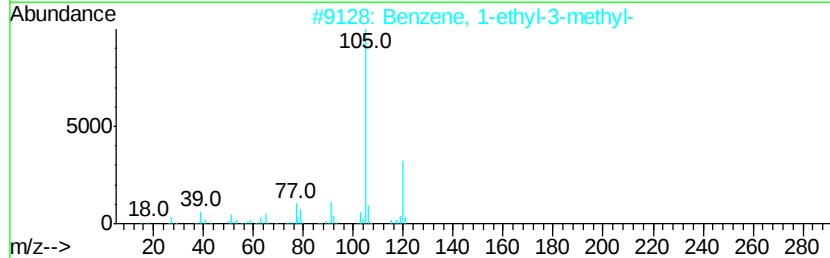
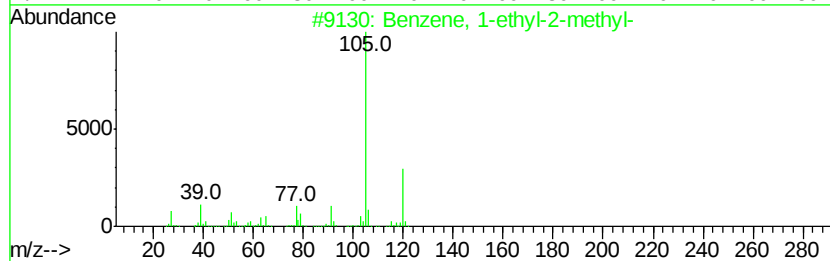
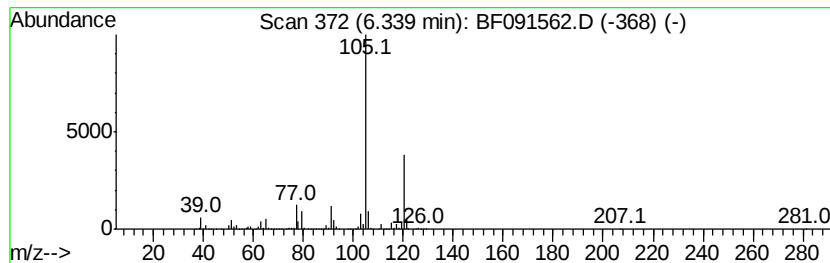
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	13.27 ng	1210460	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GW

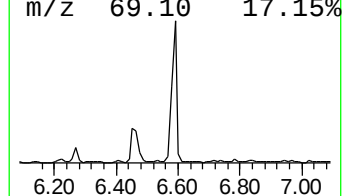
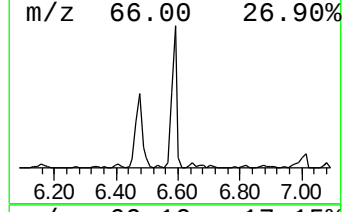
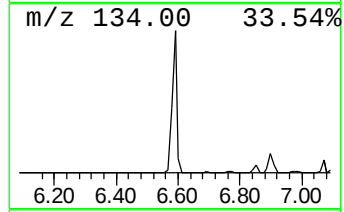
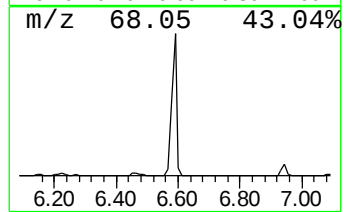
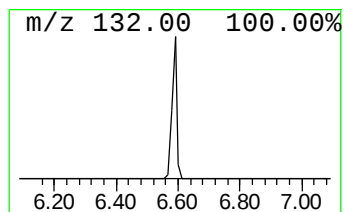
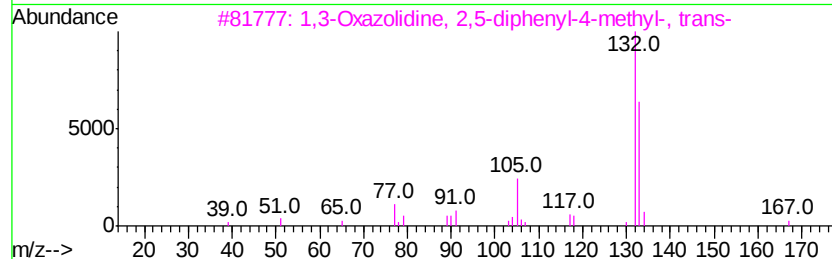
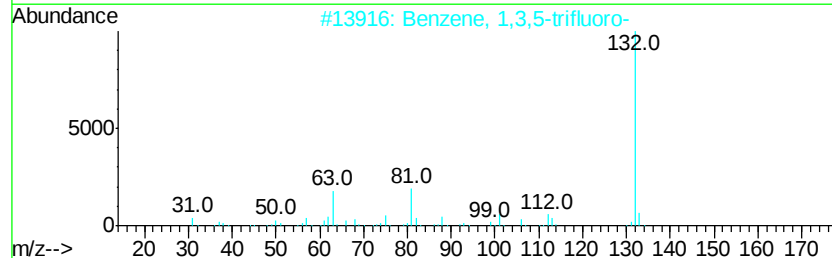
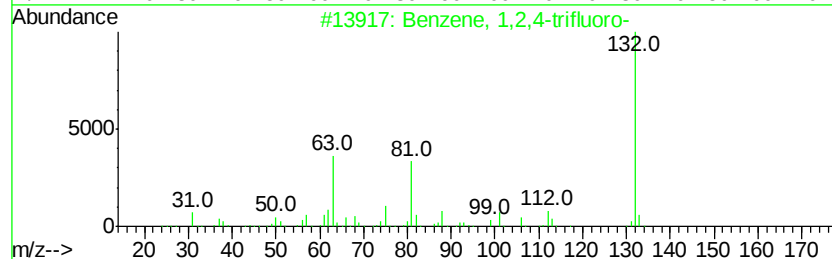
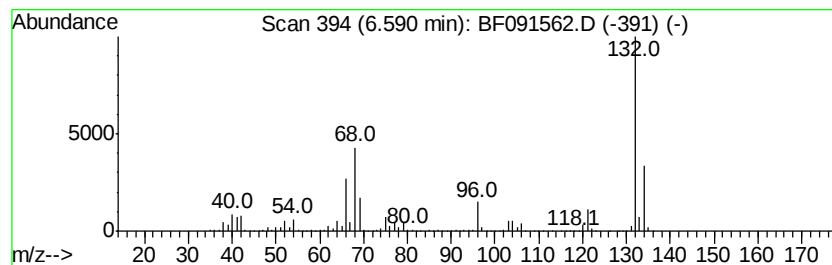
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	70.47 ng	6429010	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
3		1,3-Oxazolidine, 2,5-diphenyl-4-...	239	C16H17NO	1000138-86-6	10
4		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
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Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

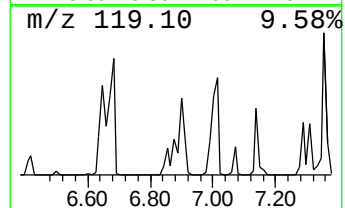
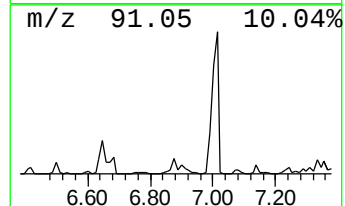
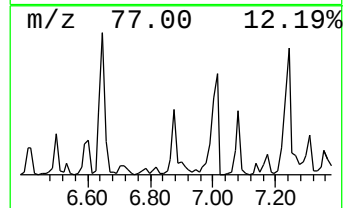
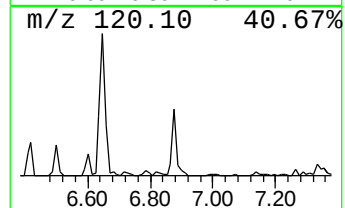
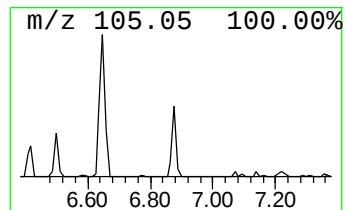
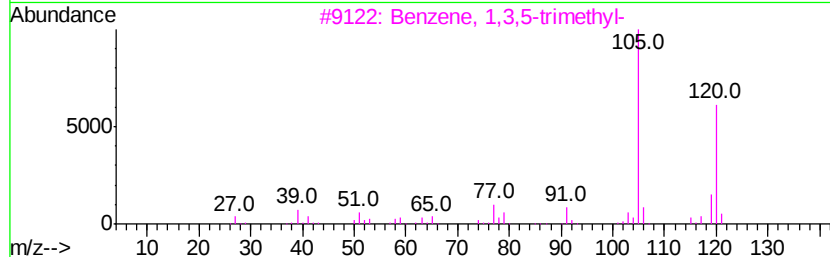
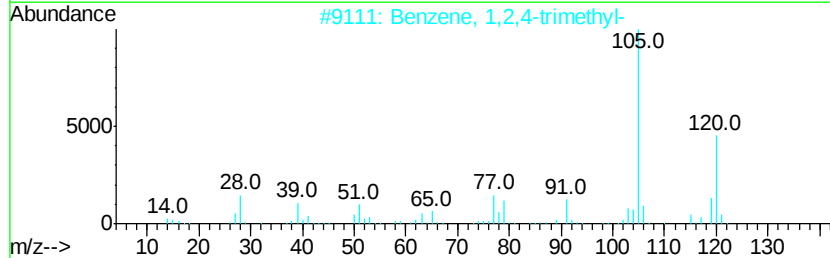
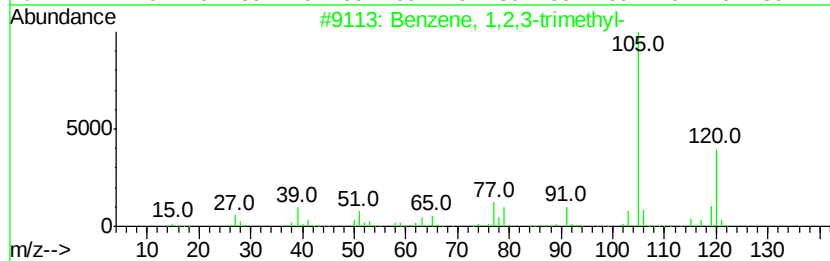
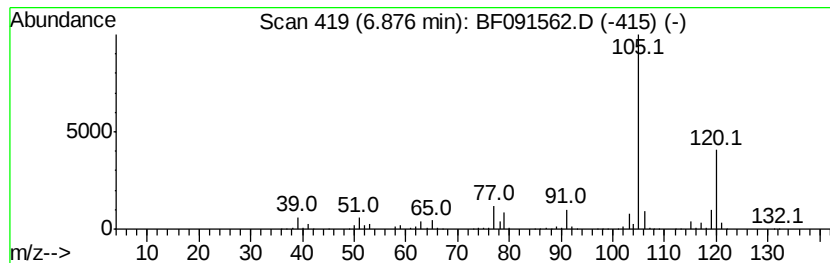
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	29.99 ng	2735990	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

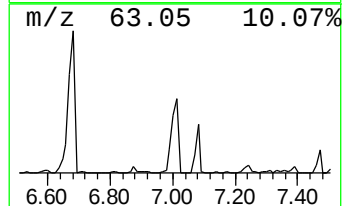
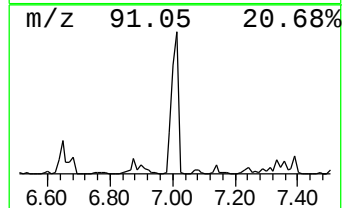
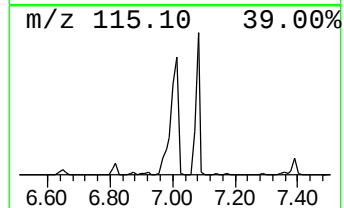
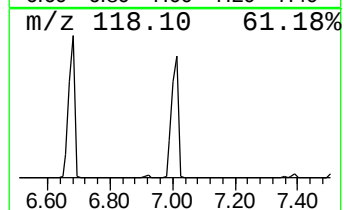
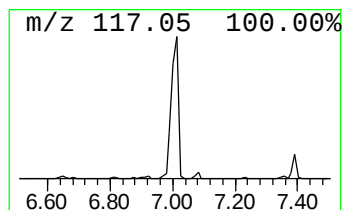
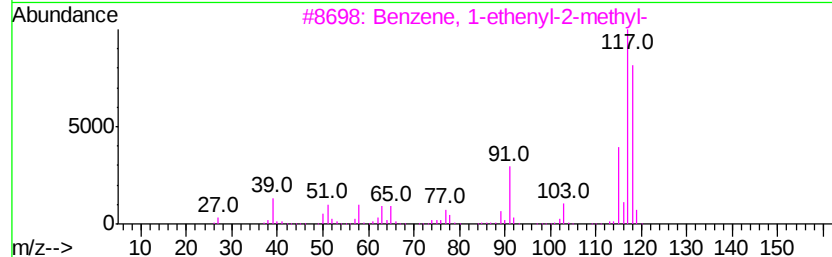
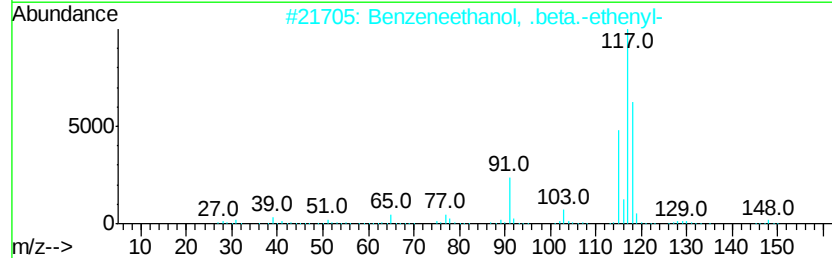
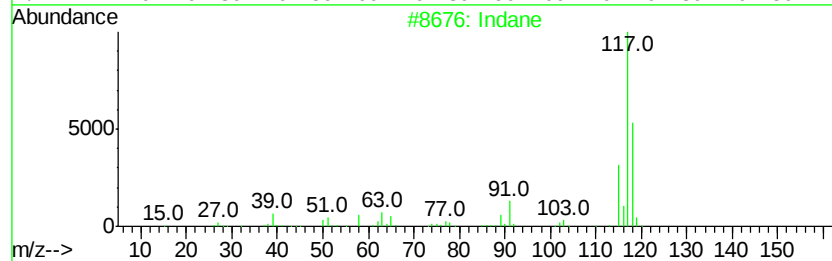
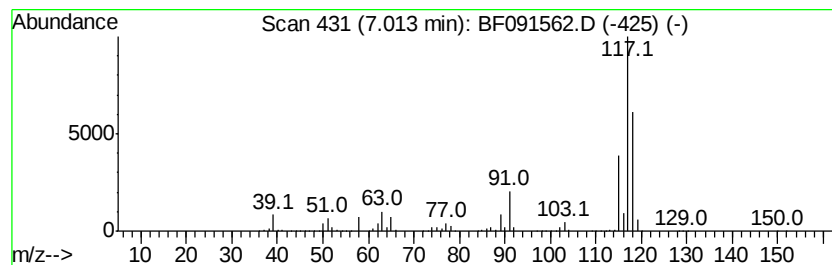
Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	308.68 ng	28161100	1,4-Dichlorobenzene-d4	6.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 93
2	Benzeneethanol, .beta.-ethenyl-		148 C10H12O	006052-63-7 78
3	Benzene, 1-ethenyl-2-methyl-		118 C9H10	000611-15-4 68
4	Benzene, (2-bromocyclopropyl)-		196 C9H9Br	036617-02-4 64
5	Benzene, 1-propenyl-		118 C9H10	000637-50-3 62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

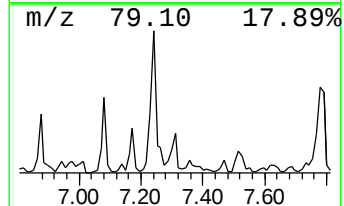
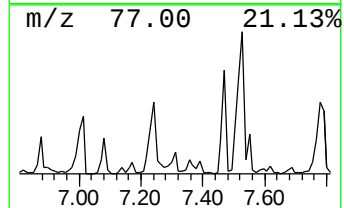
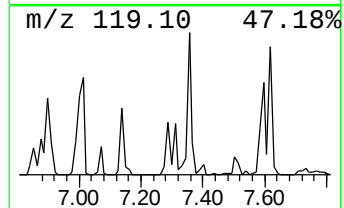
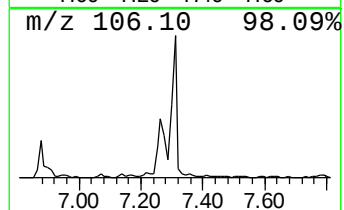
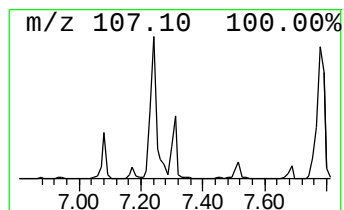
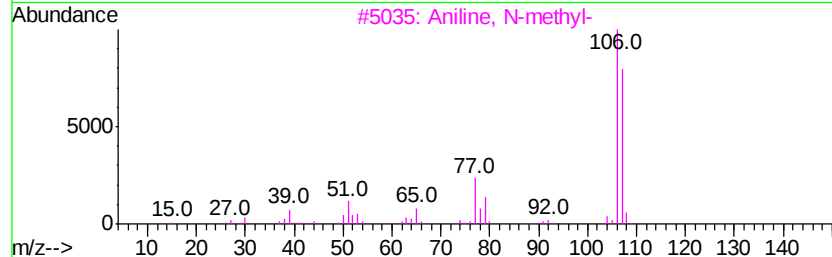
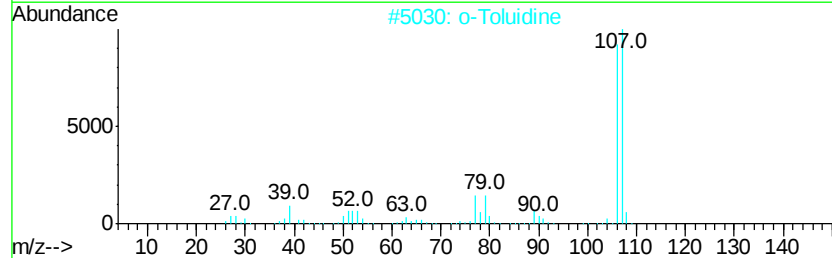
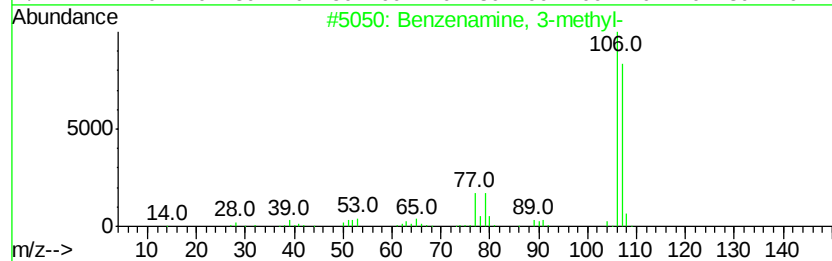
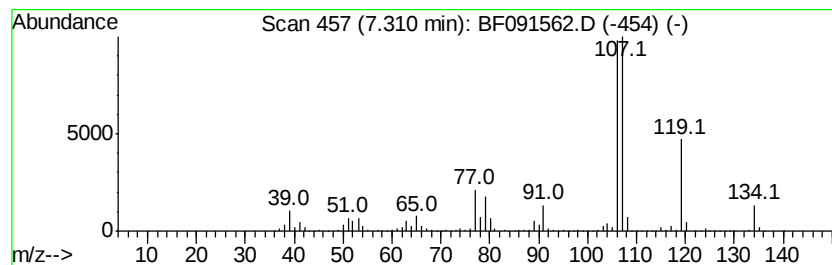
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzenamine, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	19.22 ng	1753700	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	95
2		o-Toluidine	107	C7H9N	000095-53-4	93
3		Aniline, N-methyl-	107	C7H9N	000100-61-8	70
4		p-Aminotoluene	107	C7H9N	000106-49-0	68
5		Benzylamine	107	C7H9N	000100-46-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

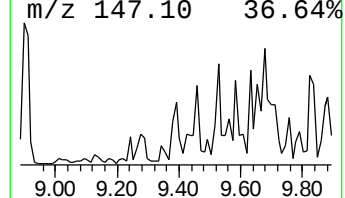
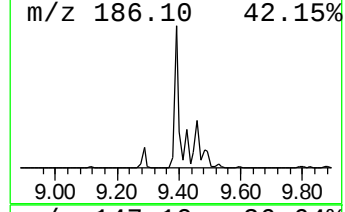
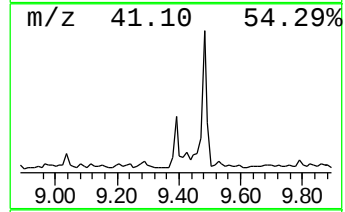
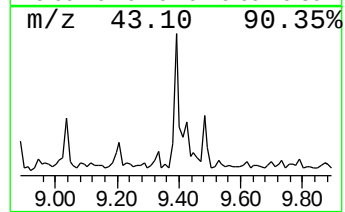
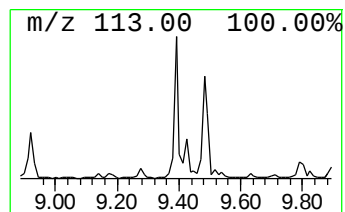
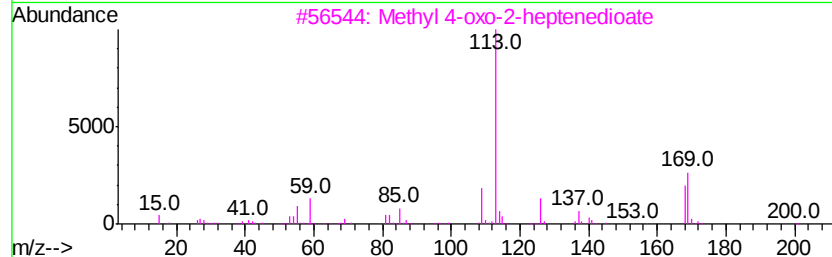
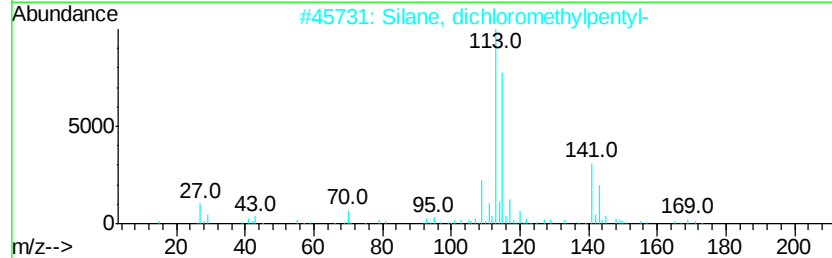
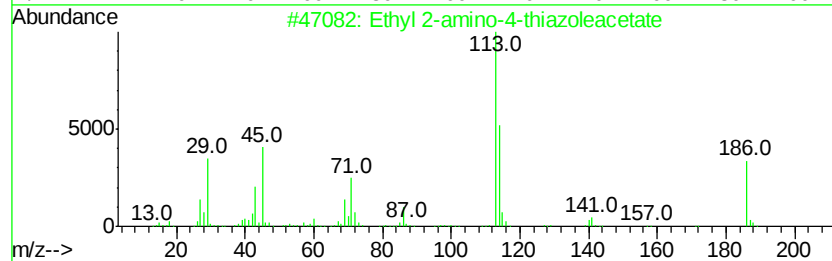
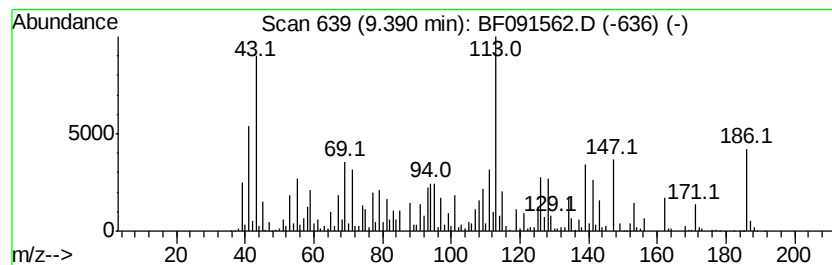
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown9.39 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	22.41 ng	6243070	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl 2-amino-4-thiazoleacetate	186	C7H10N2O2S	053266-94-7	38
2		Silane, dichloromethylpentyl-	184	C6H14Cl2Si	013682-99-0	35
3		Methyl 4-oxo-2-heptenedioate	200	C9H12O5	022503-69-1	27
4		Thiazole, 2-methyl-4-propyl-	141	C7H11NS	041981-63-9	27
5		2-Propanone, diethylhydrazone	128	C7H16N2	016713-36-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
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Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
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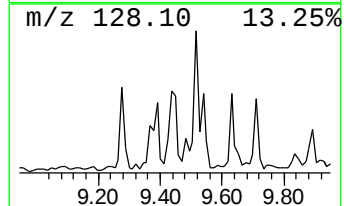
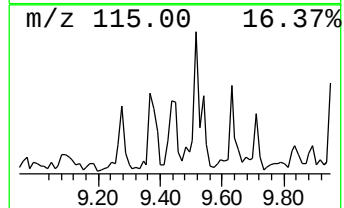
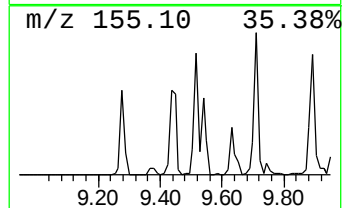
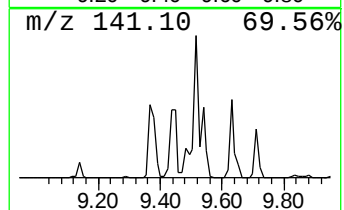
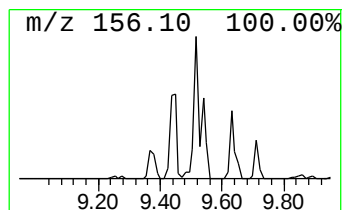
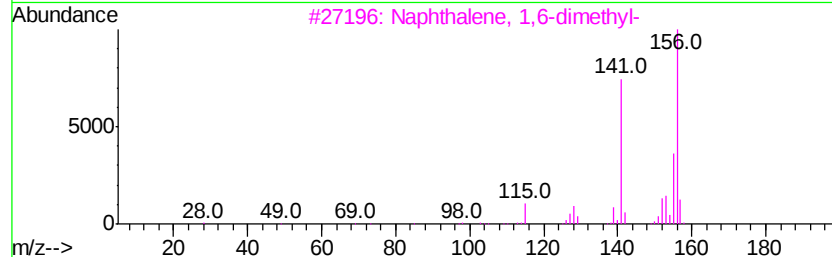
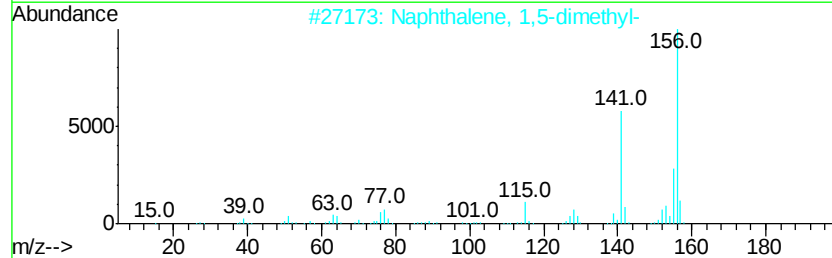
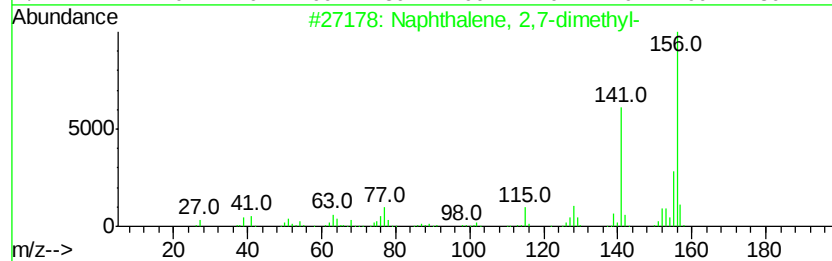
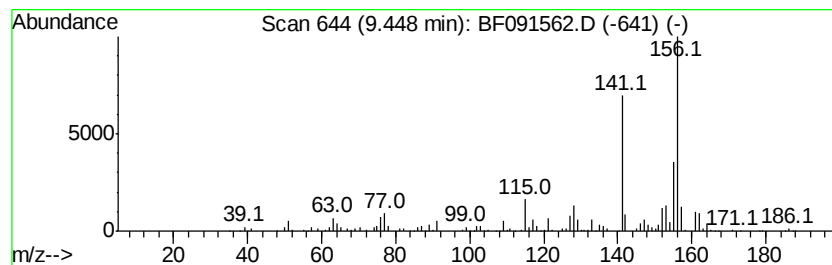
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	25.87 ng	7204520	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
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ClientSampleId :
QNWP8-MW26S-GW

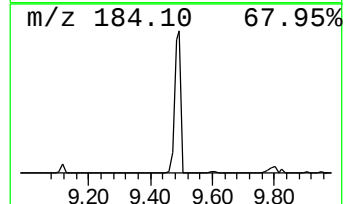
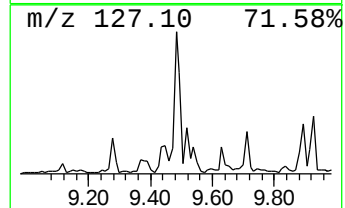
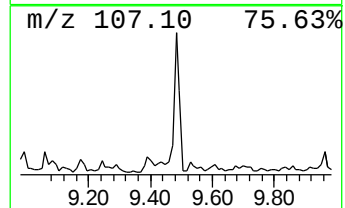
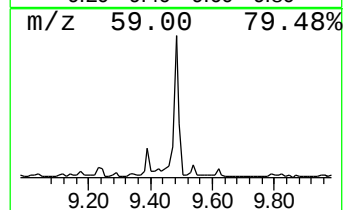
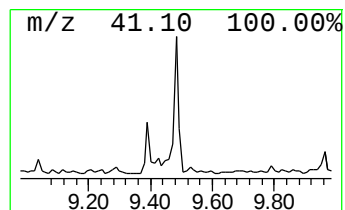
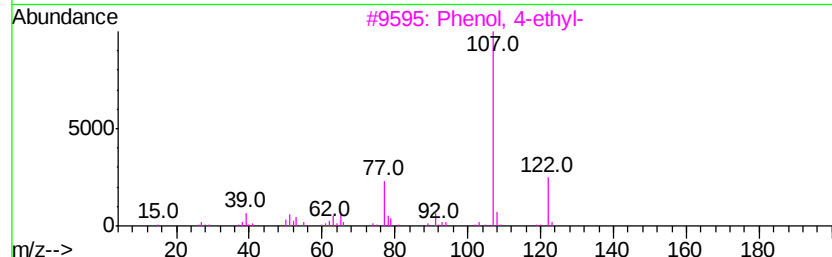
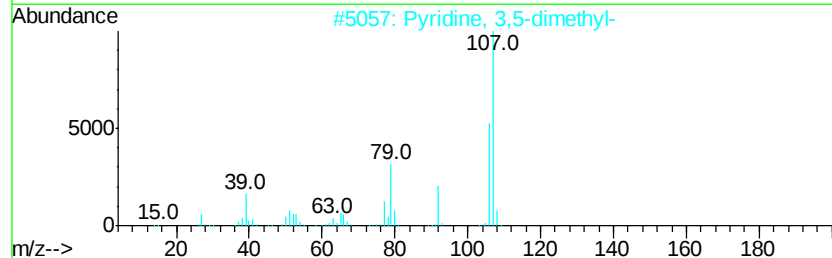
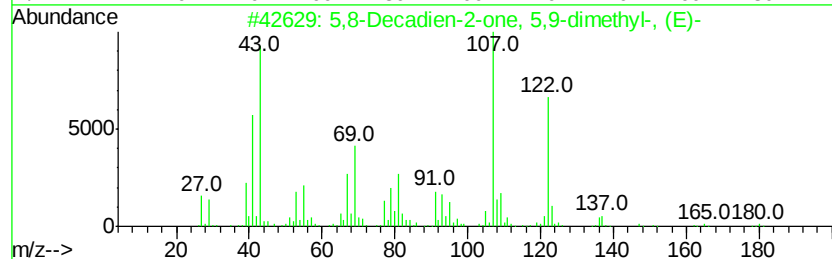
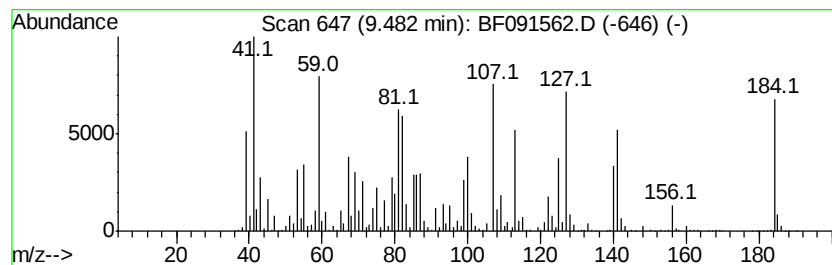
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown9.48 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	24.28 ng	6763040	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,8-Decadien-2-one, 5,9-dimethyl...	180	C12H20O	130876-99-2	25
2		Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	11
3		Phenol, 4-ethyl-	122	C8H10O	000123-07-9	11
4		Butane, 1,3-dimethoxy-	118	C6H14O2	010143-66-5	11
5		Cyclopropanecarboxylic acid, 2,2...	182	C11H18O2	074753-02-9	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

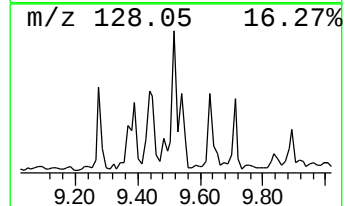
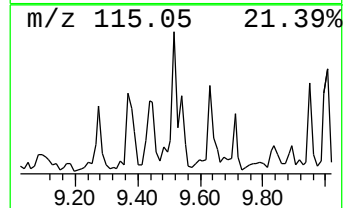
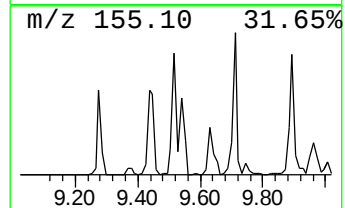
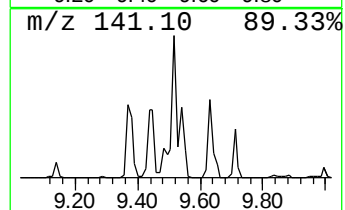
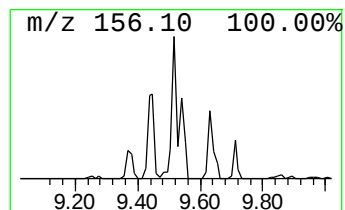
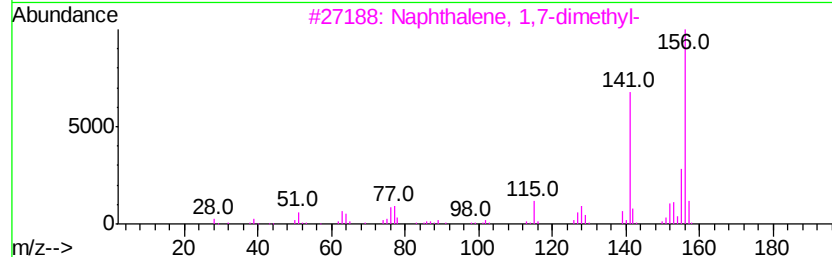
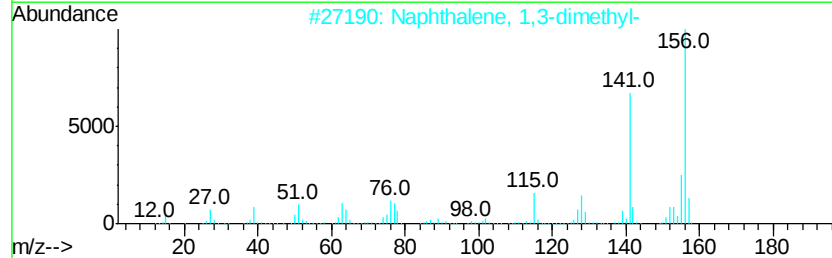
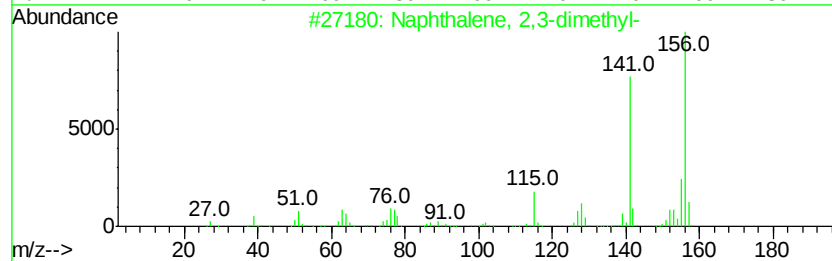
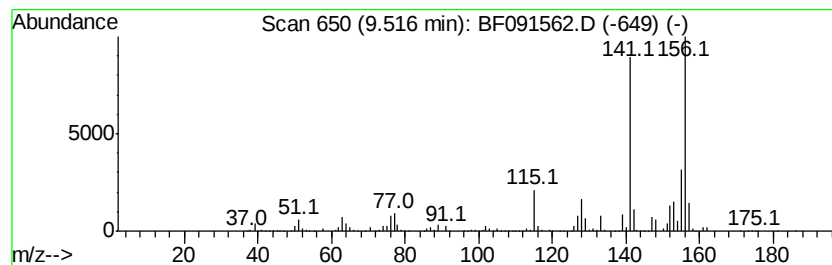
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	15.45 ng	4304610	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW26S-GW

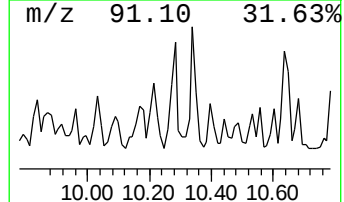
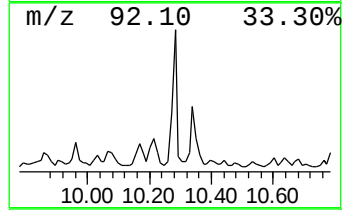
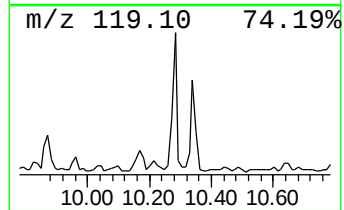
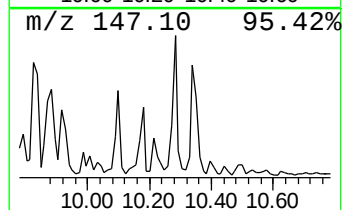
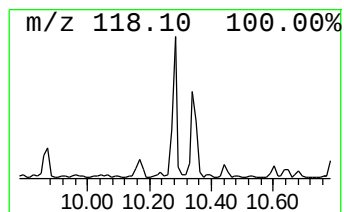
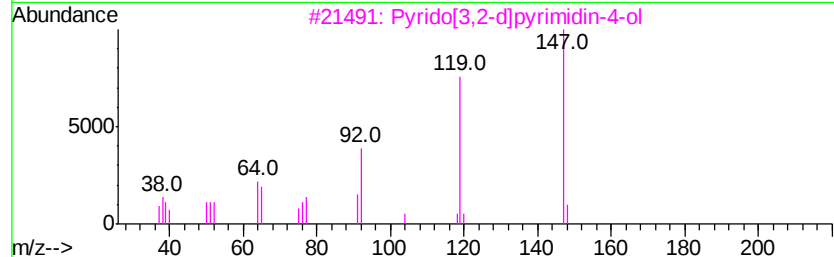
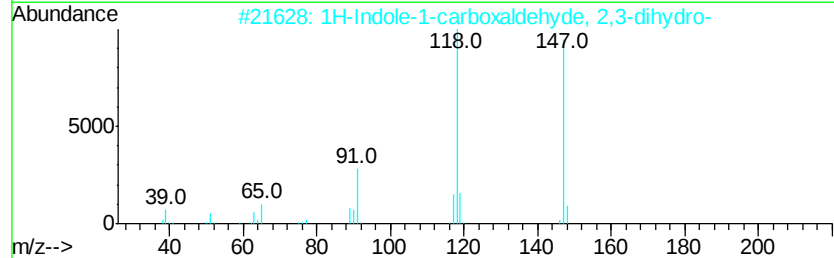
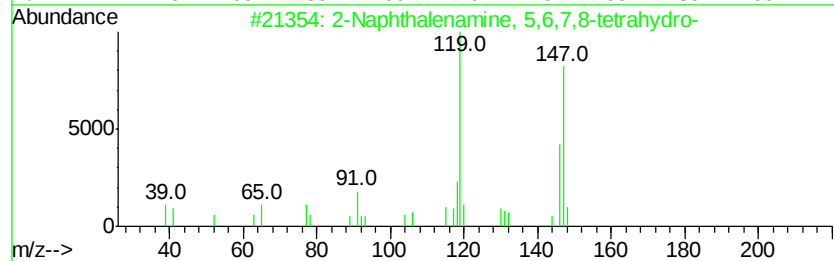
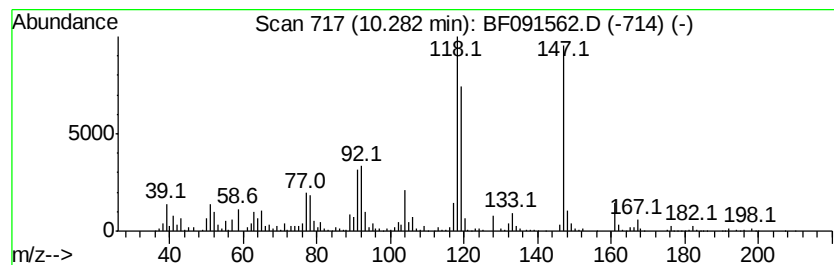
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2-Naphthalenamine, 5,6,7,8-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	11.30 ng	3146380	Acenaphthene-d10	9.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	58
2		1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	55
3		Pyrrolo[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	49
4		5,6-Dimethyl-1H-benzotriazole	147	C8H9N3	004184-79-6	49
5		1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
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Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
Misc :
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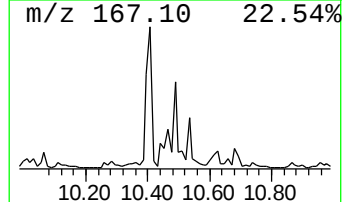
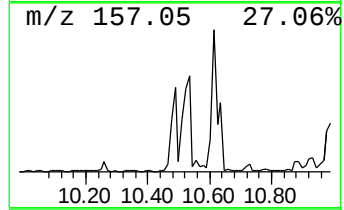
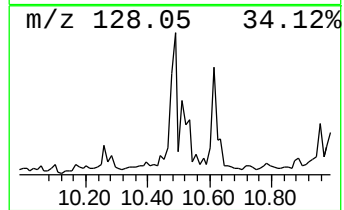
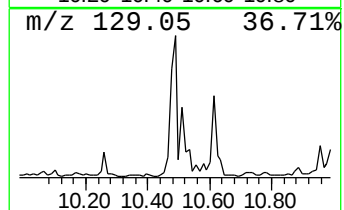
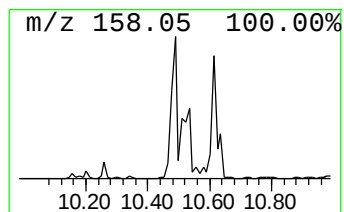
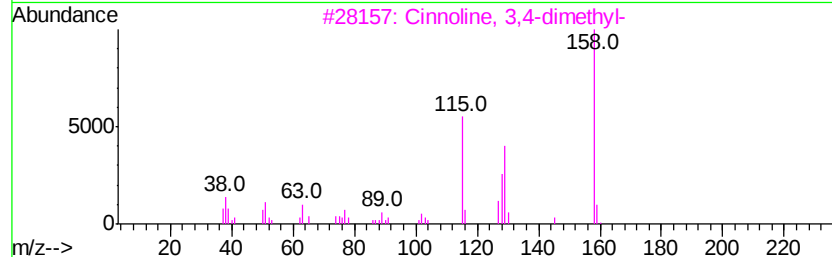
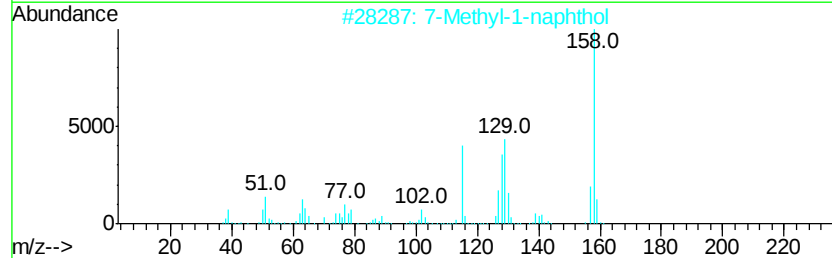
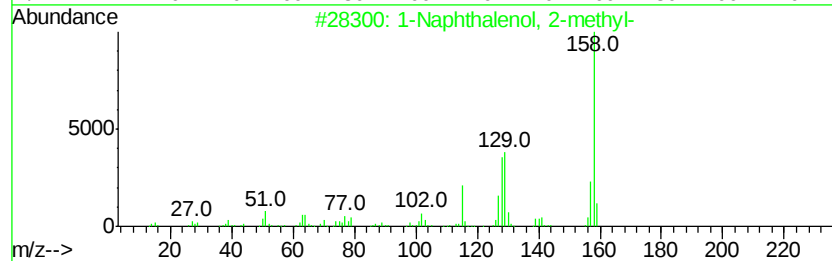
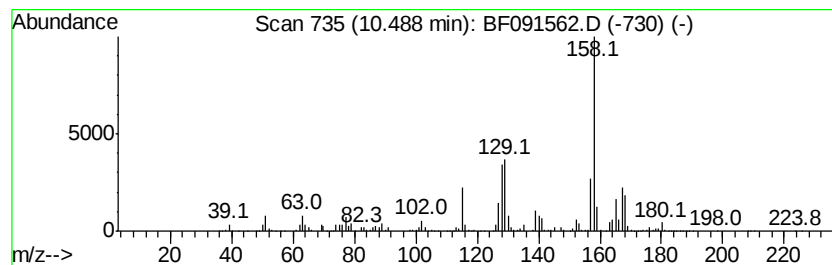
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1-Naphthalenol, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	23.57 ng	6564230	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	95
2	7-Methyl-1-naphthol	158	C11H10O	006939-33-9	81
3	Cinnoline, 3,4-dimethyl-	158	C10H10N2	003929-83-7	49
4	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	43
5	2-Amino-3H-benzoimidazole-5-carb...	158	C8H6N4	063655-40-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
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Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
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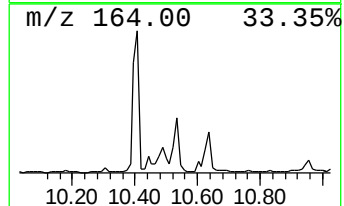
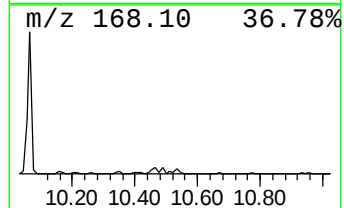
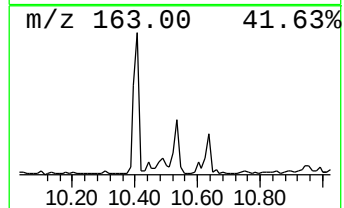
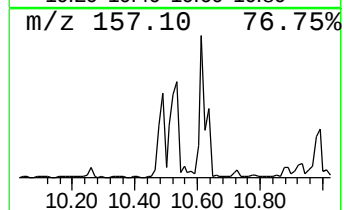
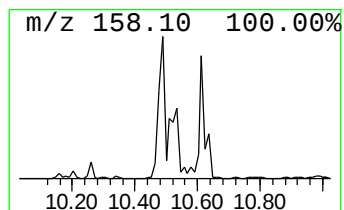
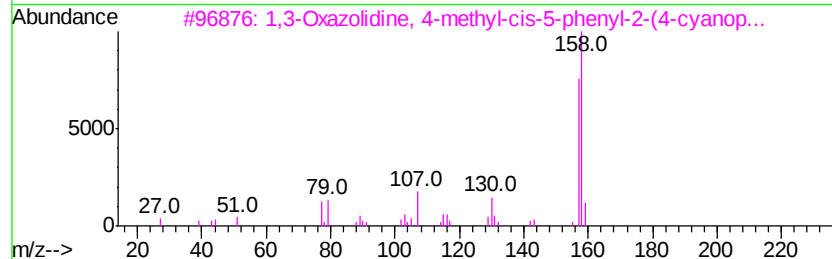
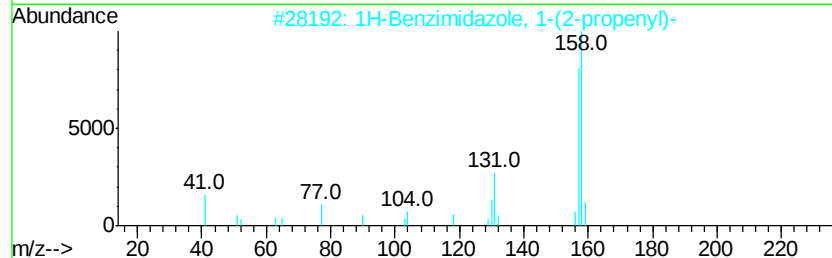
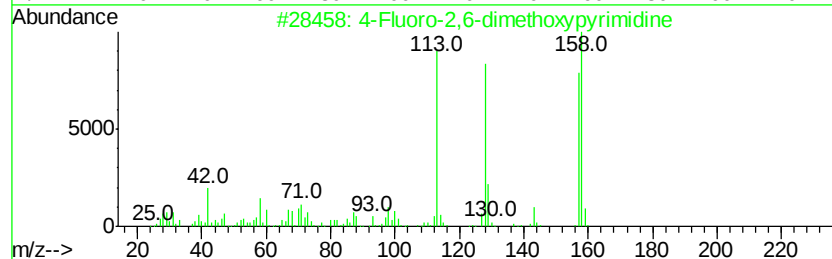
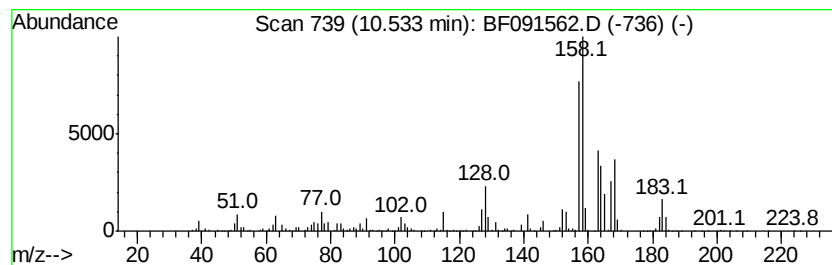
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown10.53 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.53	16.58 ng	4617000	Acenaphthene-d10	9.86	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-2,6-dimethoxypvrimidine	158	C6H7FN2O2	000658-87-7	43
2	1H-Benzimidazole, 1-(2-propenyl)-	158	C10H10N2	019018-22-5	38
3	1,3-Oxazolidine, 4-methyl-cis-5-...	264	C17H16N2O	1000138-86-2	32
4	1-Naphthalenol, 2-methyl-	158	C11H10O	007469-77-4	22
5	1H-Pyrazole, 3-methyl-5-phenyl-	158	C10H10N2	003347-62-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
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Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
Sample : H5961-01
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ALS Vial : 18 Sample Multiplier: 1

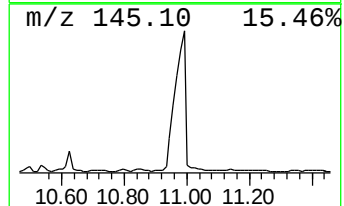
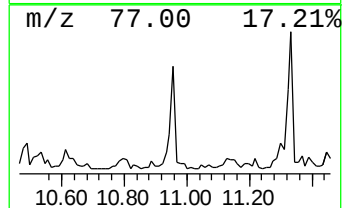
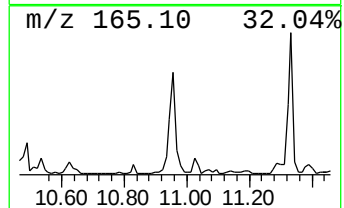
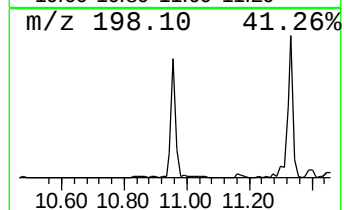
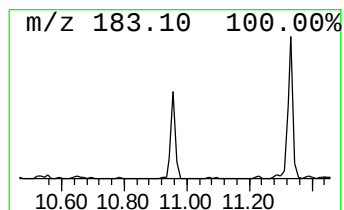
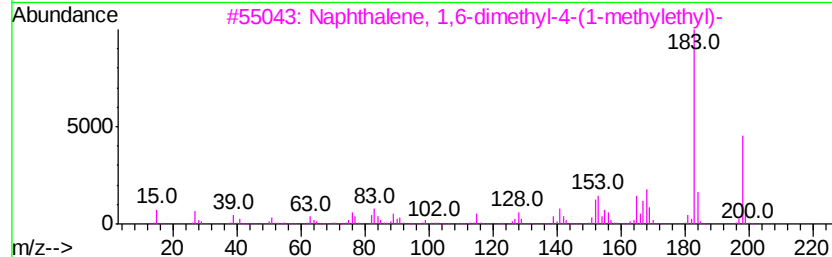
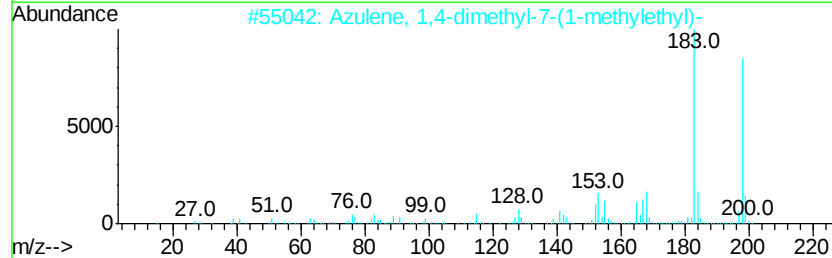
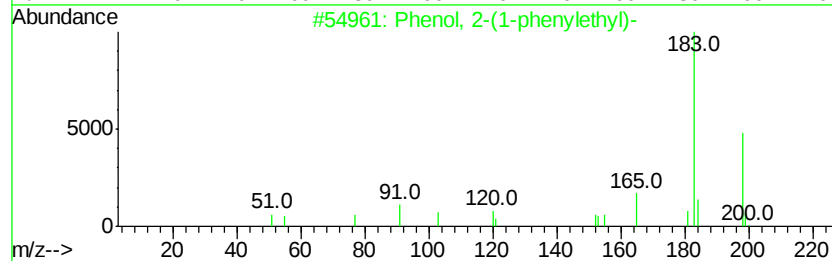
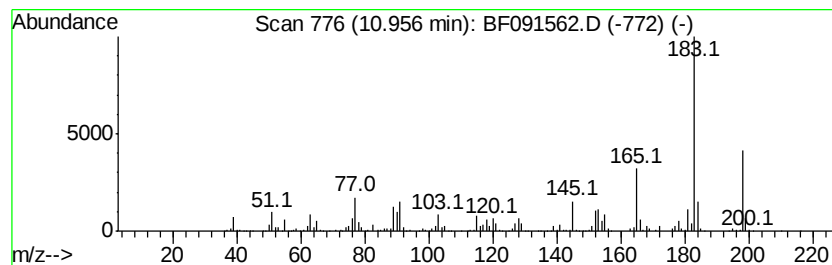
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Phenol, 2-(1-phenylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.96	20.68 ng	11395900	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	94
2		Azulene, 1,4-dimethyl-7-(1-methyl-...	198	C15H18	000489-84-9	76
3		Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	76
4		Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	68
5		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091562.D
Acq On : 13 Dec 2016 19:02
Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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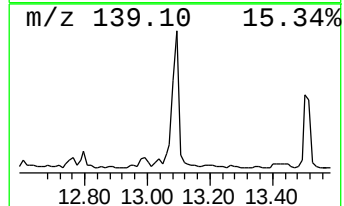
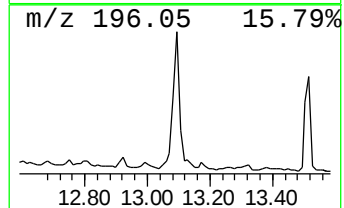
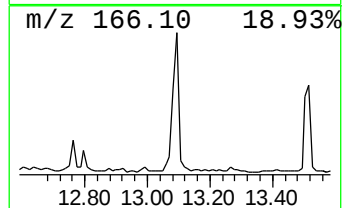
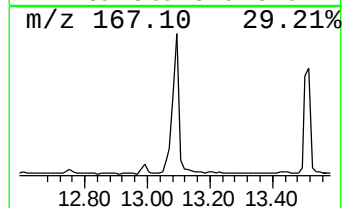
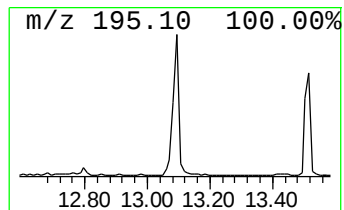
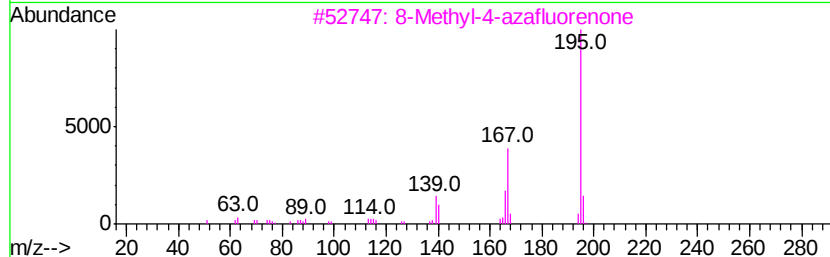
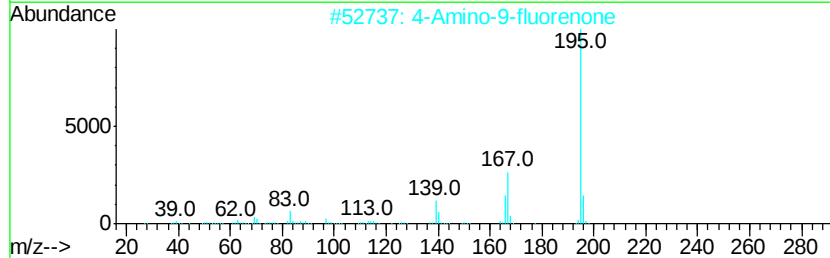
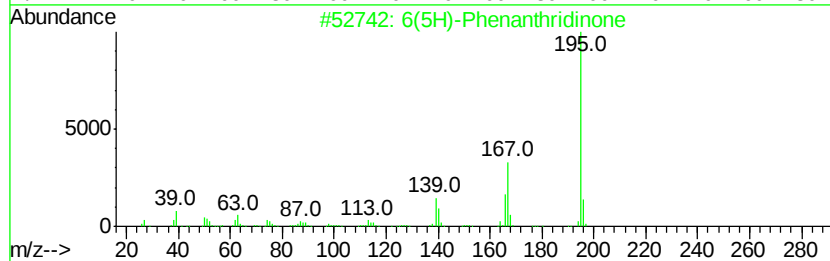
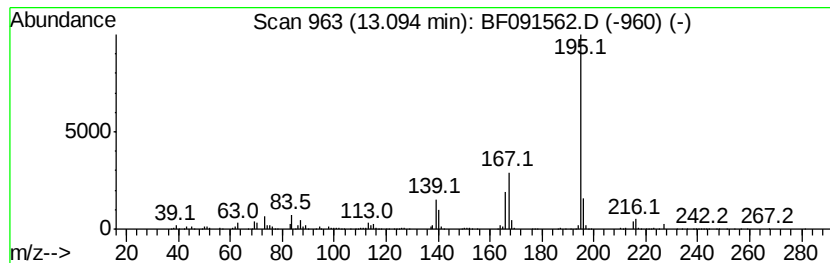
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 6(5H)-Phenanthridinone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	13.69 ng	1329930	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2		4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
3		8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	93
4		9(10H)-Acridinone	195	C13H9NO	000578-95-0	93
5		Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091562.D
 Acq On : 13 Dec 2016 19:02
 Operator : UM/SJ
 Sample : H5961-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, (1-methy...	5.97	27.8	ng	2540300	1	6.82	1824640	20.0
Pyridine, 2,4-dim...	6.03	18.1	ng	1655370	1	6.82	1824640	20.0
Benzene, 1-ethyl-...	6.34	13.3	ng	1210460	1	6.82	1824640	20.0
unknown6.59	6.59	70.5	ng	6429010	1	6.82	1824640	20.0
Benzene, 1,2,3-tr...	6.88	30.0	ng	2735990	1	6.82	1824640	20.0
Indane	7.01	308.7	ng	28161100	1	6.82	1824640	20.0
Benzenamine, 3-me...	7.31	19.2	ng	1753700	1	6.82	1824640	20.0
unknown9.39	9.39	22.4	ng	6243070	3	9.86	5570850	20.0
Naphthalene, 2,7-...	9.45	25.9	ng	7204520	3	9.86	5570850	20.0
unknown9.48	9.48	24.3	ng	6763040	3	9.86	5570850	20.0
Naphthalene, 2,3-...	9.52	15.4	ng	4304610	3	9.86	5570850	20.0
2-Naphthalenamine...	10.28	11.3	ng	3146380	3	9.86	5570850	20.0
1-Naphthalenol, 2...	10.49	23.6	ng	6564230	3	9.86	5570850	20.0
unknown10.53	10.53	16.6	ng	4617000	3	9.86	5570850	20.0
Phenol, 2-(1-phen...	10.96	20.7	ng	11395900	4	11.33	11020800	20.0
6(5H)-Phenanthrid...	13.09	13.7	ng	1329930	5	13.96	1943210	20.0